

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

The Effect of Modified Team Based Learning Method on the Knowledge and Skills of Urmia Medical Emergency Personnel in Trauma Exposure in 2019-2020

Protocol summary

Study aim

Determining the Impact of Modified Team Based Learning on the Knowledge and Skills of Urmia Emergency Medical Personnel in the Face of Trauma in 2019-2020

Design

A clinical trial study among emergency medical personnel

Settings and conduct

The present study is a clinical trial study in which the impact of modified team-based learning on the knowledge and skills of Urmia Emergency Medical Personnel in trauma management will be investigated.

Participants/Inclusion and exclusion criteria

Having the consent to participate in the study; minimum education in medical diploma and related to medical emergency; no track record of attending team-based workshops; employed in the field of operation and having an employment warrant, formal, contractual, design, contractual and corporate.

Intervention groups

In this clinical trial study, 96 subjects will be selected by stratified random sampling and then randomly divided into control and intervention groups (each group 48). The trauma exposure intervention group will then be given a modified team-based learning approach and in the control group there will be no intervention.

Main outcome variables

Modified team-based learning

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20161116030926N5**
Registration date: **2020-03-03, 1398/12/13**

Registration timing: **prospective**

Last update: **2020-03-03, 1398/12/13**

Update count: **0**

Registration date

2020-03-03, 1398/12/13

Registrant information

Name

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 44 3275 4961

Email address

alilu@umsu.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2020-04-03, 1399/01/15

Expected recruitment end date

2020-05-04, 1399/02/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect of Modified Team Based Learning Method on the Knowledge and Skills of Urmia Medical Emergency Personnel in Trauma Exposure in 2019-2020

Public title

The effect of modified team-based learning on the knowledge and skills of medical emergency personnel

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

Having the consent to participate in the study Minimum education in medical diploma and related to medical emergency No track record of attending team-based workshops Operating in the field of employment with a formal, contractual, contractual, contractual and corporate mandate

Exclusion criteria:

Not willing to continue participation in the study for any reason No more than two hours in the workshop

Age

No age limit

Gender

Male

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 96

Randomization (investigator's opinion)

Randomized

Randomization description

Samples will be selected by stratified random sampling and then assigned to control and intervention groups using simple random number table.

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Urmia University of Medical Sciences

Street address

Urmia University of Medical Sciences, Resalat Boulevard

City

Urmia

Province

West Azarbaijan

Postal code

5714783734

Approval date

2020-02-10, 1398/11/21

Ethics committee reference number

IR.UMSU.REC.1398.434

Health conditions studied

1

Description of health condition studied

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Score in Trauma Exposure Knowledge Questionnaire

Timepoint

Once before the intervention - Once a month after the intervention

Method of measurement

Trauma Exposure Knowledge Questionnaire

2

Description

Score in Trauma Attitude Questionnaire

Timepoint

Once before the intervention - Once a month after the intervention

Method of measurement

Trauma Attitude Questionnaire

3

Description

Score in Trauma Exposure Clinical Skills Checklist

Timepoint

Once before the intervention - Once a month after the intervention

Method of measurement

Trauma Exposure Clinical Skills Checklist

Secondary outcomes

1

Description

Knowledge and skills

Timepoint

One month after educational intervention

Method of measurement

questionnaire

Intervention groups

1

Description

In this clinical trial study, 96 subjects will be selected by stratified random sampling and then randomly divided into control and intervention groups (each group 48). The

intervention will be conducted in three sessions, each one day, each session lasting 45-60 minutes, then the intervention group will receive trauma exposure training using a modified team-based learning method.

Category

Behavior

2

Description

Control group: They will not receive any training.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Urmia University of Medical Sciences

Full name of responsible person

Dr. Leila Alilo

Street address

Urmia University of Medical Sciences, Resalat
Boulevard

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urmia

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Email

alilu@umsu.ac.ir

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Oroumia University of Medical Sciences

Full name of responsible person

Javad Aghazadeh

Street address

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Email

alilu@umsu.ac.ir

Grant name

-Urmia University of Medical Sciences

Grant code / Reference number

ندارد.

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Oroumia University of Medical Sciences

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

Academic

Person responsible for general inquiries

Contact

Name of organization / entity

Oroumia University of Medical Sciences

Full name of responsible person

Asadallah Mohsenzade

Position

nurse

Latest degree

Bachelor

Other areas of specialty/work

Nursery

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asad.mohsenzadeh@gmail.com

Person responsible for scientific inquiries

Contact

Name of organization / entity

Oroumia University of Medical Sciences

Full name of responsible person

Dr. Leila Alilo

Position

Professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

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Person responsible for updating data

Contact

Name of organization / entity
Oroumia University of Medical Sciences
Full name of responsible person
Asadallah Mohsenzadeh
Position
nurse
Latest degree
Bachelor
Other areas of specialty/work
Nursery
Street address
Urmia University of Medical Sciences, Resalat
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City
Urmia
Province

Sharing plan

Deidentified Individual Participant Data Set (IPD)

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be a plan to make this available

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Undecided - It is not yet known if there will be a plan to make this available

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Undecided - It is not yet known if there will be a plan to make this available